

XP-002167800

AN - 1996-114724 [12]

AP - RU19920011338 19921208

CPY - ELEK-R

DC - E36 J01

DR - 0348-P 1066-S 1669-P 1669-U 1711-S

FS - CPI

IC - C01B31/08

IN - KOROLEVA L I; NAGORNAYA G A; SMIRNOV V F

MC - E11-Q01 E31-N03 E31-N05B J01-E03C

M3 - [01] C106 C810 M411 M720 M781 M903 M904 M910 N104 N164 N480 N515 Q431

Q508 R032; R01669-P R01669-R; 1669-P 1669-U

- [02] C106 C116 C530 C730 C800 C801 C802 C803 C805 C806 M411 M720 M903
M904 M910 N164 Q431; R00348-P; 0348-P

PA - (ELEK-R) ELEKTROSTALSK NEORGANIKA RES PRODN ASSOC

PN - RU2038295 C1 19950627 DW199612 C01B31/08 004pp

PR - RU19920011338 19921208

XA - C1996-036239

XIC - C01B-031/08

AB - RU2038295 Activated granular C is prepd. by crushing semi-coke and mixing it with a binder, granulating the mixt., drying the granules, carbonising the granules in a CO₂ atmos., and activating the granules in a 1:1 atmos. of steam and CO₂ gas. The total pore vol. of 0.20-0.40 cm³/g, an ash content of 1.4-4.0% and a P concn. of 0.6-1.2%, and is obtd. from wood wastes (in hydrolysis prodn.) which are modified with orthophosphoric acid in an amt. equal to 0.75-1.5 wt.%. Under these conditions, activation is continued until the total pore vol. is 0.60-0.75 cm³/g.

- USE - Used for recovering C disulphide.

- ADVANTAGE - The adsorption activity of the C relative to C disulphide is increased, and the good strength properties are retained.

- (Dwg.0/0)

CN - R00348-P R01669-P R01669-R

DRL - 0348-P 1669-P 1669-U

IW - GRANULE ACTIVATE CARBON PRODUCE RECOVER CARBON DI SULPHIDE CRUSH SEMI
COKE MIX BIND GRANULE MIXTURE DRY GRANULE CARBONISE CARBON DI OXIDE
ATMOSPHERE ACTIVATE

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ATMOSPHERE ACTIVATE

INW - KOROLEVA L I; NAGORNAYA G A; SMIRNOV V F

NC - 001

OPD - 1992-12-08

ORD - 1995-06-27

PAW - (ELEK-R) ELEKTROSTALSK NEORGANIKA RES PRODN ASSOC

TI - Granulated activated carbon prodn. for recovering carbon:di:sulphide
- by crushing semi-coke and mixing with binder, granulating mixt.,
drying granules, carbonising in carbon di:oxide atmos., and activating